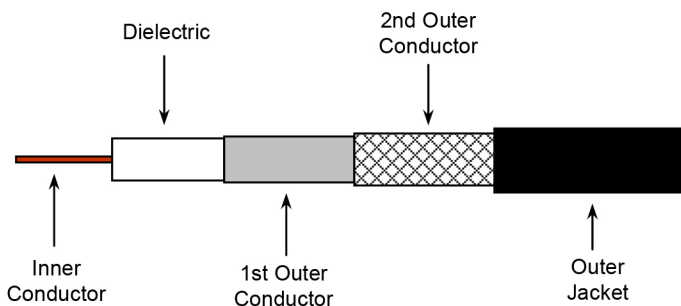


# Series 400 Low-Loss Coaxial Cable

## Type : RFAC-400 (DW-400)

Document	DW-400
Issue Date	Jan.17 <sup>th</sup> .2006
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### Cable Ordering Information

Part Number	MI Number	NEC / CSA Listing	Remark
DW-400 (CCA)	TU-1317	none	

### Characteristics

Material	Detail	inches	mm
Inner Conductor	Copper-clad Aluminum	0.108	2.74
Dielectric	Foamed Polyethylene	0.285	7.24
1 <sup>st</sup> Outer Conductor	Sealed APA Tape	0.290	7.37
2 <sup>nd</sup> Outer Conductor	98% Tinned Copper Braid	0.322	8.17
3 <sup>rd</sup> Outer Conductor	---	---	---
4 <sup>th</sup> Outer Conductor	---	---	---
Floodant	---	---	---
Jacket	PE, Black	0.406	10.30
Twisted Pairs	---	---	---
Messenger	---	---	---
Mechanical Specifications			
Minimum Bend Radius		1.0	25.4
Product Weight	(less reel)	76.6 lbs/kft	114 kg/km

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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Electrical Specifications		
Characteristic Impedance, $\Omega$	50 $\pm$ 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	23.8 pF/ft	78 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	1.34	4.40
Outer Conductor	1.65	5.41
Loop	2.99	9.81

Attenuation, Nominal @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
150	1.72	5.64
220	2.07	6.79
450	3.12	10.24
900	4.49	14.72
1500	5.86	19.21
1800	6.47	21.22
2000	6.91	22.66
2500	7.82	25.65

### Notes:

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